

**REMARKS**

Claims 1-31 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding objections and rejections are respectfully requested in light of the above amendments and following remarks.

Claim 28 was objected to because of informalities.

By the instant amendment, Claims 7, 14, and 28 have been amended to take into consideration the helpful comments of the Examiner set forth in the Office Action.

It is respectfully submitted that Claims 1-31 are free from informalities.

Claims 1-31 were rejected under 35 U.S.C. § 102(b) as being anticipated by McCleer.

These rejections are respectfully traversed.

It is respectfully submitted that McCleer does not disclose or suggest the presently claimed invention including a model for simulating performance of a polyphase electric motor having a rotor in independent Claim 1, a model for simulating the performance of the three phase electric motor having a rotor in independent Claim 8, the step of simulating the performance of the motor using the model and the input signal and observing the performance of the model in independent Claim 17, a load circuit for simulating the performance of the three phase electric motor having a rotor in independent Claim 23, albeit defined as simulating the performance of the motor using the model and the input signals and observing the performance of the model in independent Claim 27.

The Examiner alleges that Figure 1 of McCleer discloses a model, however, Figure 1 is a schematic diagram representing a circuit model of one representative phase, there is nothing to indicate performance.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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